

## CENTRAL INTELLIGENCE AGENCY

## INFORMATION REPORT

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SECRET  
SECURITY INFORMATION

COUNTRY	Czechoslovakia	REPORT	
SUBJECT	Designation of Ball Bearings	DATE DISTR.	13 October 1953
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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.  
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(FOR KEY SEE REVERSE)

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1. [redacted] the designation of the ball bearings [redacted]  
[redacted] reads: "E15, C06", [redacted] on the authority of [redacted]  
the [redacted] bearing manufacturing concern, that:

"E1" means groove-type (rillen) ball bearings;

"5" means a bore size up to 10 mm.;

"C" means bearings with higher than normal precision in the tolerance between the balls;

"06" is the grade of this tolerance.

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2. [redacted] this type of description ("C06") is now obsolete in Western countries and [redacted] two-digit designations, such as "C16", are used to describe the precision of ball bearings because it was discovered that the higher precision in tolerance between the balls must correspond to a higher precision of the outside and inside diameters of the bearings.<sup>2</sup>

Comments.

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2. It seems of interest that in Czechoslovakia, where the production of bearings has been developed only in the past few years, an obsolete system of designation should be in use.

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